

Title (en)

FLUID PREPARATION AND TREATMENT DEVICES, METHODS, AND SYSTEMS

Title (de)

FLÜSSIGPRÄPARAT UND BEHANDLUNGSVORRICHTUNGEN, -VERFAHREN UND -SYSTEME

Title (fr)

DISPOSITIFS, PROCÉDÉS ET SYSTÈMES DE PRÉPARATION DE FLUIDE ET DE TRAITEMENT

Publication

EP 3758771 A4 20211117 (EN)

Application

EP 19760761 A 20190228

Priority

- US 201862636404 P 20180228
- US 201862676098 P 20180524
- US 2019019967 W 20190228

Abstract (en)

[origin: US2019262522A1] Methods, device, and systems for preparing peritoneal dialysis fluid and/or administering a peritoneal dialysis treatment are disclosed. In embodiments, peritoneal dialysis fluid is prepared at a point of use automatically using a daily sterile disposable fluid circuit and one or more long-term concentrate containers that are changed only after multiple days (e.g. weekly). The daily disposable may have concentrate containers that are initially empty and are filled from the long-term concentrate containers once per day at the beginning of a treatment.

IPC 8 full level

A61M 1/16 (2006.01); **A61J 3/00** (2006.01); **A61M 1/28** (2006.01); **C02F 1/00** (2006.01)

CPC (source: EP US)

A61M 1/1524 (2022.05 - EP US); **A61M 1/154** (2022.05 - EP US); **A61M 1/155** (2022.05 - EP US); **A61M 1/156** (2022.05 - EP US); **A61M 1/1562** (2022.05 - EP US); **A61M 1/1565** (2022.05 - EP US); **A61M 1/159** (2022.05 - EP US); **A61M 1/1664** (2014.02 - EP US); **A61M 1/1666** (2014.02 - EP US); **A61M 1/1672** (2014.02 - EP US); **A61M 1/1674** (2014.02 - EP US); **A61M 1/1696** (2013.01 - US); **A61M 1/267** (2014.02 - US); **A61M 1/28** (2013.01 - US); **A61M 1/287** (2013.01 - EP US); **A61M 1/288** (2014.02 - US); **C02F 1/001** (2013.01 - EP); **A61M 1/1696** (2013.01 - EP); **A61M 2205/05** (2013.01 - US); **A61M 2205/12** (2013.01 - EP US); **A61M 2205/126** (2013.01 - US); **A61M 2205/127** (2013.01 - US); **A61M 2205/128** (2013.01 - US); **A61M 2205/15** (2013.01 - US); **A61M 2205/215** (2013.01 - US); **A61M 2205/3317** (2013.01 - EP); **A61M 2205/3334** (2013.01 - US); **A61M 2205/3344** (2013.01 - US); **A61M 2205/3569** (2013.01 - US); **A61M 2205/702** (2013.01 - US); **A61M 2205/8212** (2013.01 - US); **C02F 1/283** (2013.01 - EP); **C02F 1/32** (2013.01 - EP); **C02F 1/42** (2013.01 - EP); **C02F 1/441** (2013.01 - EP); **C02F 1/444** (2013.01 - EP US); **C02F 2103/026** (2013.01 - EP US); **C02F 2201/005** (2013.01 - US); **C02F 2209/03** (2013.01 - US)

Citation (search report)

- [DXI] WO 2013141896 A1 20130926 - NXSTAGE MEDICAL INC [US], et al
- [XII] WO 2017193065 A1 20171109 - GAMBRO LUNDIA AB [SE], et al
- [PXI] WO 2018041760 A1 20180308 - GAMBRO LUNDIA AB [SE]
- [A] US 5932110 A 19990803 - SHAH DILIP H [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 11872337 B2 20240116; **US 2019262522 A1 20190829**; AU 2019228526 A1 20201015; AU 2019228526 B2 20211125; AU 2020244565 A1 20201105; AU 2020244565 B2 20220106; AU 2020244565 C1 20220407; AU 2020244566 A1 20201105; AU 2020244566 B2 20211125; AU 2020244567 A1 20201105; AU 2020244567 B2 20211125; CA 3092575 A1 20190906; EP 3758771 A2 20210106; EP 3758771 A4 20211117; JP 2021516089 A 20210701; JP 2023098983 A 20230711; US 11207454 B2 20211228; US 11364328 B2 20220621; US 2019262524 A1 20190829; US 2019262525 A1 20190829; US 2019262526 A1 20190829; US 2024115787 A1 20240411; WO 2019169081 A2 20190906; WO 2019169081 A3 20191010

DOCDB simple family (application)

US 201916288725 A 20190228; AU 2019228526 A 20190228; AU 2020244565 A 20201002; AU 2020244566 A 20201002; AU 2020244567 A 20201002; CA 3092575 A 20190228; EP 19760761 A 20190228; JP 2020545472 A 20190228; JP 2023063941 A 20230411; US 2019019967 W 20190228; US 201916288562 A 20190228; US 201916288568 A 20190228; US 201916288671 A 20190228; US 202318536637 A 20231212